



2876/

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Spencer A. Rathus et al.

Serial No.: 09/769,142

Group Art Unit: 2876

Filed: January 25, 2001

Examiner: Le, Uyen-Chau N.

For: METHOD AND APPARATUS FOR  
ACCESSING ELECTRONIC DATA  
VIA A FAMILIAR PRINTED MEDIUM

Atty Doc. No. 660-023

Honorable Commissioner for Patents  
P.O. Box 1430  
Alexandria, VA 22313-1430

**LETTER**


SIR:

Please be advised of the following related co-pending  
applications:

Attorney Docket Number	Examiner	Serial Number
660-015	Kim, Ahshik	09/769,134
660-016	Le, Thien Minh	09/769,136
660-017	Le, Thien Minh	09/769,137
660-018	Le, Thien Minh	09/769,144
660-019	Le, Thien Minh	09/769,146
660-020	Le, Thien Minh	09/769,139
660-021	Le, Thien Minh	09/769,138
660-022	Kim, Ahshik	09/769,140
660-023	Le, Uyen-Chau N.	09/769,142
660-025	Le, Thien Minh	09/769,143
660-026	Le, Thien Minh	09/769,141
660-027	Kim, Ahshik	09/769,149
660-028	Kim, Ahshik	09/769,148
660-029	Le, Thien Minh	09/769,147
660-030	Le, Thien Minh	09/747,295
660-031	Kim, Ahshik	09/769,134

Please feel free to contact the undersigned attorney with any questions.

Respectfully submitted,



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Date: June 17, 2004

John W. Olivo, Jr.  
Reg. No. 35,634  
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Suite 300  
Summit, NJ 07901  
(908) 277-3333



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number 09/769,142

Filing Date 1/25/2001

First Named Inventor Spencer A. Rathus et al.

Art Unit 2876

Examiner Name Le, Uyen-Chau N.

Total Number of Pages in This Submission

8

Attorney Docket Number 660-023

**ENCLOSURES (Check all that apply)**

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                     | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input checked="" type="checkbox"/> Fee Attached                             | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Request for Refund   |   |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> CD, Number of CD(s) _____                                      | Return Receipt Postcard   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> Remarks _____  |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Ward & Olivo 382 Springfield Ave. Summit, NJ 07901
Signature	<i>John M. Olivo, Jr.</i>
Date	6/18/04

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Edward P. Bakos, Esq.
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Signature	<i>[Signature]</i>	Date	6/18/04
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JUN 23 2004

PTO/SB/17 (01-03)

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# FEE TRANSMITTAL

## for FY 2003

*Effective 01/01/2003. Patent fees are subject to annual revision.*

☒ Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$) 180.00</b>
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**Complete if Known**

Application Number	09/769,142
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Examiner Name	Le, Uyen-Chau N.
Art Unit	2876
Attorney Docket No.	660-023

**METHOD OF PAYMENT** (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number  
Deposit  
Account  
Name

23-0420

Ward &amp; Olivo

**The Commissioner is authorized to:** (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1)** (\$)**0**

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims	<input type="text"/>	-20** = <input type="text"/>	X	<input type="text"/>	<input type="text"/>
Independent Claims	<input type="text"/>	- 3** = <input type="text"/>	X	<input type="text"/>	<input type="text"/>
Multiple Dependent	<input type="text"/>			<input type="text"/>	<input type="text"/>

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	<b>(\$)</b> 0
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**\*\*or number previously paid, if greater; For Reissues, see above**

**FEE CALCULATION** (continued)

### 3. ADDITIONAL FEES


Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	410	2252	205	Extension for reply within second month
1253	930	2253	465	Extension for reply within third month
1254	1,450	2254	725	Extension for reply within fourth month
1255	1,970	2255	985	Extension for reply within fifth month
1401	320	2401	160	Notice of Appeal
1402	320	2402	160	Filing a brief in support of an appeal
1403	280	2403	140	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,300	2453	650	Petition to revive - unintentional
1501	1,300	2501	650	Utility issue fee (or reissue)
1502	470	2502	235	Design issue fee
1503	630	2503	315	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))
1801	750	2801	375	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

<b>SUBTOTAL (3)</b>	<b>(\$)</b> 180.00
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## SUBMITTED BY

Name (Print/Type)	John W. Olivo, Jr.
Signature	

Registration No. (Attorney/Agent)	35,634
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(Complete (if applicable))

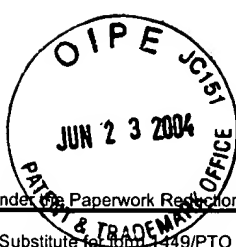
Telephone 908-277-3333

Date \_\_\_\_\_

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PTO/SB/08A (08-03)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	09/769,142
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Uyen-Chau N.
Attorney Docket Number	660-023

Sheet 1 of 4

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US- 3,989,929	11-02-1976	Treiber	
	2	US- 4,418,278	11-29-1983	Mondschein	
	3	US- 4,492,164	01-08-1985	Cassanas et al.	
	4	US- 4,609,358	09-02-1986	Sangster	
	5	US- 4,813,350	03-21-1989	Drillick	
	6	US- 4,825,058	04-25-1989	Poland	
	7	US- 4,868,375	09-19-1989	Blanford	
	8	US- 4,992,824	02-12-1991	Plummer	
	9	US- 5,003,577	03-26-1991	Ertz et al.	
	10	US- 5,080,399	01-14-1992	Olson	
	11	US- 5,083,271	01-21-1992	Thacher et al.	
	12	US- 5,108,052	04-28-1992	Malewicki et al.	
	13	US- 5,126,547	06-30-1992	Norman, Jr.	
	14	US- 5,142,662	08-25-1992	Gump et al.	
	15	US- 5,148,297	09-15-1992	Ishii et al.	
	16	US- 5,151,687	09-29-1992	Younger	
	17	US- 5,185,857	02-09-1993	Rozmanith et al	
	18	US- 5,211,287	05-18-1993	Weisburn et al.	
	19	US- 5,237,156	08-17-1993	Konishi et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
	20	GB 2 109 600 A	06-02-1983	Brooke		
	21	JP 362264752 A	11-17-1987	Suda, Koji		
	22	JP 363203045 A	08-22-1988	Asano, Eisuke		
	23	JP 363296560 A	12-02-1988	Mori, Naoki		
	24	JP 402279393 A	11-15-1990	Yuasa, Mitsutok		
	25	JP 403060558 A	03-15-1991	Inaba, Satoshi		

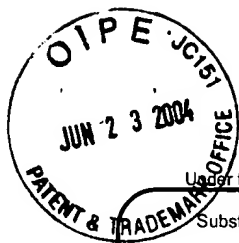
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Signature

Date  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	09/769,142
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Uyen-Chau N.
Attorney Docket Number	660-023

Sheet **2** of **4****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	26	US- 5,243,174	09-07-1993	Veeneman et al.	
	27	US- 5,319,542	06-07-1994	King et al.	
	28	US- 5,397,410	03-14-1995	Handly	
	29	US- 5,424,524	06-13-1995	Ruppert et al.	
	30	US- 5,459,304	10-17-1995	Eisenmann	
	31	US- 5,465,291	11-07-1995	Barrus et al.	
	32	US- 5,469,371	11-21-1995	Bass	
	33	US- 5,477,042	12-19-1995	Wang	
	34	US- 5,478,990	12-26-1995	Montanari et al.	
	35	US- 5,541,394	07-30-1996	Kouchi et al.	
	36	US- 5,568,136	10-22-1996	Hochstein et al.	
	37	US- 5,570,291	10-29-1996	Dudle et al.	
	38	US- 5,590,173	12-31-1996	Beasley	
	39	US- 5,640,002	06-17-1997	Ruppert et al.	
	40	US- 5,774,664	06-30-1998	Hidary et al.	
	41	US- 5,774,874	06-30-1998	Veeneman et al.	
	42	US- 5,778,181	07-07-1998	Hidary et al.	
	43	US- 5,797,330	08-25-1998	Li	
	44	US- 5,821,728	10-13-1998	Schwind	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	45	JP 404269048 A	09-25-1992	Wantanabe, Kaok		
	46	JP 406188962 A	07-08-1994	Nakamura, Teruo		
	47	GB 2 300 498 A	11-06-1996	McCauley		
	48	WO 98/03923	01-29-1998	Kraftsow et al		
	49	WO 98/06055	02-12-1998	Rapaport et al.		
	50	JP 02000293455 A	04-09-1999	Yoshiro		

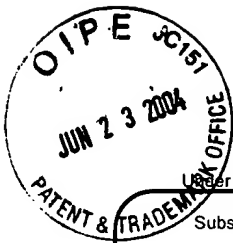
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 4

**Complete if Known**

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First Named Inventor	Spencer A. Rathus
Art Unit	2876
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Attorney Docket Number	660-023

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		Number-Kind Code <sup>2</sup> (if known)			
	51	US- 5,857,156	01-05-1999	Anderson	
	52	US- 5,866,888	02-02-1999	Bravman et al.	
	53	US- 5,870,546	02-09-1999	Kirsch	
	54	US- 5,913,210	06-15-1999	Call	
	55	US- 5,918,214	06-29-1999	Perkowski	
	56	US- 5,940,595	08-17-1999	Reber et al.	
	57	US- 5,963,915	10-05-1999	Kirsch	
	58	US- 5,991,601	11-23-1999	Anderson	
	59	US- 5,992,752	11-30-1999	Wilz, Sr. et al.	
	60	US- 6,003,774	12-21-1999	Bard et al.	
	61	US- 6,076,733	06-20-2000	Wilz, Sr. et al.	
	62	US- 6,085,124	07-04-2000	Choi	
	63	US- 6,152,369	11-28-2000	Wilz, Sr. et al.	
	64	US- 6,154,738	11-28-2000	Call	
	65	US- 6,157,314	12-05-2000	Loftus	
	66	US- 6,164,534	12-26-2000	Rathus et al.	
	67	US- 6,199,048	03-06-2001	Hudetz et al.	
	68	US- 6,226,412	05-01-2001	Schwab	
	69	US- 6,246,337	06-12-2001	Rosenberg et al.	

**FOREIGN PATENT DOCUMENTS**

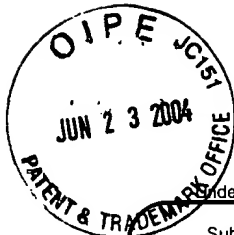
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	70	JP 2000267966 A	09-29-2000	Masanori et al.		
	71	JP 02001265800 A	09-28-2001	Masamichi et al		

Examiner  
SignatureDate  
Considered

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 4

**Complete if Known**

Application Number	09/769,142
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Uyen-Chau N.
Attorney Docket Number	660-023

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	72	US- 6,269,336	07-31-2001	Ladd et al.	
	73	US- 6,286,036	09-04-2001	Rhoads	
	74	US- 6,314,457	11-06-2001	Schena et al.	
	75	US- 6,321,991	11-27-2001	Knowles	
	76	US- 6,321,992	11-27-2001	Knowles et al.	
	77	US- 6,330,244	12-11-2001	Swartz et al.	
	78	US- 6,338,434	01-15-2002	Wilz et al.	
	79	US- 6,373,551	04-16-2002	Manico et al.	
	80	US- 6,375,078	04-23-2002	Russell et al.	
	81	US- 6,381,582	04-30-2002	Walker et al.	
	82	US- 6,384,744	05-07-2002	Phillyaw et al.	
	83	US- 6,385,583	05-07-2002	Ladd et al.	
	84	US- 6,386,453	05-14-2002	Russell et al.	
	85	US- 2002/0084899	07-04-2002	Faria et al.	
		US-			
		US-			
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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